

PRELIMINARY STRUCTURE COST ESTIMATE

The charts on the following sheets provide cost per square foot data for the preliminary estimate of total structure cost. The costs apply to ordinary structure types. The data is based upon the low bid from projects awarded from 1990 thru December 2005.

The total cost per square foot includes all the bid items necessary to construct the structure except for the following:

- Preliminary Engineering
- E & C
- Traffic Control

The costs for Repair and Rehabilitation projects require an individual estimate of cost for each project because of the wide diversity of work. Consult with the Group Leader/Bridge Engineer to obtain costs from similar projects.

Cost data is available for the following types of structures:

NEW CONSTRUCTION

- CULVERTS
- PRESTRESSED GIRDERS
- STEEL GIRDERS

MISCELLANEOUS

- SOUND WALLS
- CONCRETE RETAINING WALLS
- PEDESTRIAN BRIDGES
- WIDEN CULVERTS/MACHINE PASS

PRELIMINARY STRUCTURE COST ESTIMATE

NEW CONSTRUCTION

STRUCTURE TYPE	COST/SQ. FOOT OF DECK PLAN AREA
	1990 thru 2005
CULVERTS	
CAST-IN-PLACE	\$110
PRECAST	\$105
PRESTRESS GIRDERS	
AASHTO, BULB TEE, VOIDED SLAB, DECK TEE	\$135
STEEL GIRDERS	
WELDED PLATE	\$160

PRELIMINARY STRUCTURE COST ESTIMATE

MISCELLANEOUS STRUCTURES

STRUCTURE TYPE	COST/SQUARE FOOT
	1990 thru 2005
CONCRETE RETAINING WALLS	\$50
SOUND WALLS	\$30
PEDESTRIAN UNDERPASS	\$135
PEDESTRIAN OVERPASS	
PRESTRESSED GIRDER	\$90
STEEL TRUSS	\$130
WIDEN CULVERT	\$100